FORESTRY ABSTRACTS

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READERS' GUIDE

1. **Classification.** Abstracts are classified according to the *Oxford System of Decimal Classification for Forestry* (ODC). *See inside front cover.* Editions of this publication are also available from other sources in a number of languages.

2. **Terminology.** Terms appearing in the *Concise Oxford Dictionary* and Chambers' *Dictionary of Science and Technology* are ordinarily used in the text without explanation. The *Terminology of Forest Science, Technology, Practice and Products* and the *British Commonwealth Forest Terminology* are followed for forestry terms.

3. **Title Citations:**

(a) Titles. Titles of articles appearing in periodicals or numbered serial publications are given in English only (translated if the original is not in English); titles of books and all unnumbered publications are given both in the original language and in English.

(b) Language symbols. Capital initial letters indicate the language of the text, small letters the language(s) of the summary. The following abbreviations are used:

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Ch	= Chinese	In	= Indonesian	Ro	= Rumanian
Cs	= Czech	Is	= Icelandic	Ru	= Russian
Da	= Danish	It	= Italian	Sh	= Serbo-Croatian
De	= German	Ja	= Japanese	Sk	= Slovakian
Ee	= Estonian	Ko	= Korean	Sn	= Slovenian
En	= English	Li	= Lithuanian	Sv	= Swedish
Es	= Spanish	Lv	= Latvian	Tr	= Turkish
Fi	= Finnish	Ma	= Macedonian	Uk	= Ukrainian

(c) Library Source. Capital letters at the end of a reference, where present—e.g. PR, ORS, etc.—show the place where the actual publication seen by the Bureau is lodged. Where no capital letters are cited the publication is lodged in the library of the Commonwealth Forestry Institute, Oxford. The following abbreviations are used:

APB	Commonwealth Bureau of Pastures and Field Crops, Hurley, Nr. Maidenhead, Berks.
CGB	Commonwealth Bureau of Plant Breeding and Genetics, Department of Applied Biology, Downing Street, Cambridge.
EB	Royal Botanic Garden, Edinburgh.
EMB	Commonwealth Bureau of Horticulture and Plantation Crops, East Malling Research Station, Kent.
ER	Royal Society of Edinburgh, 22 George Street, Edinburgh 2.
FCAH	Forestry Commission Research Station, Alice Holt Lodge, Farnham, Surrey.
HSB	Rothamsted Experimental Station, Harpenden, Herts.
IFB	Commonwealth Forestry Bureau, South Parks Road, Oxford.
IIE	Commonwealth Institute of Entomology, 56 Queen's Gate, London, S.W.7.
IMI	Commonwealth Mycological Institute, Ferry Lane, Kew, Surrey.
LBMN	British Museum (Natural History), London.
LTP	Tropical Products Institute, 56/62 Gray's Inn Road, London, W.C.2.
NLL	British Library, Boston Spa, Wetherby, Yorkshire LS23 7BQ.
OAEc	Agricultural Economics Research Institute, Dartington House, Little Clarendon Street, Oxford.
OB	Bodleian Library, Oxford.
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ORE	Department of Agriculture, Parks Road, Oxford.
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OZ	Department of Zoology, Oxford.
PO	National Reference Library of Science and Invention, 25 Southampton Buildings, Chancery Lane, London, W.C.2.
PR	Building Research Establishment, Princes Risborough Laboratory, Aylesbury, Bucks.
Reinbek	Bundesforschungsanstalt fur Forst- und Holzwirtschaft, Reinbek, W. Germany.
TRADA	Timber Research and Development Association, Hughenden Valley, High Wycombe, Bucks.
WAH	Commonwealth Bureau of Animal Health, New Haw, Weybridge, Surrey.
X	Miscellaneous - apply to Commonwealth Forestry Bureau for details.

4. Abbreviations and Symbols

(a) Abbreviations include:

a.e.	= acid equivalent	g.b.h.	= girth, breast height	oz	= ounce(s)
a.i.	= active ingredient	hp	= horse-power	p.a.	= per annum
b.a.	= basal area	ht.	= height	p.a.i.	= periodic annual increment
bd ft	= board foot (feet)	lb	= pound(s) (weight)	p.p.m.	= parts per million
b.h.	= breast height	LC or LD	= lethal concentration or lethal dose	r.h.	= relative humidity
ca.	= *(circa)* approximately	m.a.i.	= mean annual increment	*s.l.*	= *sensu lato*
c.a.i.	= current annual increment	min	= minutes	sp.gr.	= specific gravity
cf.	= *(confer)* compare	m.c.	= moisture content	*s.s.*	= *sensu stricto*
cv(s).	= cultivar(s)	o.b.	= over bark	u.b.	= under bark
d.b.h.	= diameter, breast height	Also *FA*	= Forestry Abstracts.	viz.	= *videlicet* ; namely
gal	= gallon(s)			vs.	= *versus*; compared with
(1 US gal	= 0.84 English gal)			wt.	= weight

(b) Symbols include:

∥	= parallel (in timber testing, 'parallel to grain')	⩽	= not greater than
⊥	= at 90° ; perpendicular (in timber testing, 'perpendicular to grain')	⩾	= not less than
≃	= approximately equals	×	(with scientific names) = hybrid
>	= greater than	+	(with scientific names) = graft chimaera; asexual hybrid
<	= less than	♂(s)	= male(s)
⩾	= equal to or greater than	♀(s)	= female(s)
⩽	= equal to or less than	☿(s)	= hermaphrodite(s)

5. Dissertation Abstracts International

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6. Back and Cross References:

(a) Back references to notices in previous issues of *Forestry Abstracts* are given in square brackets in the text and indicate the volume and abstract number, e.g. [cf. *FA 26*, 1473] – except for Vols. 1 to 5, in which the author's name and page number are cited.

(b) Cross references to notices appearing in the same number of *Forestry Abstracts* are given under the classification headings.

e.g. **864. Utilization of Lignin**
See Nos. 5769, 6062.

Cross references may also occur in the text of abstracts.

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ERRATA

(lines are counted from the beginning of the bibliographic data in each item.)

Page	Abstract	Line	
Volume 17			
130	3190	4	delete "[G.]"
Volume 24 Author Index			
27			after Platts, R.E, for "2899" read "2829"
Volume 29			
29	5435	5-6	for "*Picea mariana*" read "*Picea glauca/P. rubens*"
Volume 30 Author Index			
107			delete "Mutarelli, E.J." see "Alonso, O.C."
109			delete "Orfila, E.N." see "Alonso, O.C."
Volume 31			
167	543	10	for "(dichlorprop-Na)" read "(dalapon-Na)"
Author Index			
17			before "Kotov, M.M." insert "Kotok, E.S., Lowery, D.P., and Jensen, C.E. 5485"
22			for "Marinescu, L." read "Marinescu, I."
Subject Index			
1027			under **Weedkillers** for "Omnidel Special (dichlorprop)" read "Omnidel Special (dalapon)"
Volume 32			
77	533	8	for "Spruce" read "Beech"
161	1240	11	for "53%" read "35%"
179	2247	15-16	for "*Alnus rubra*" read "*Betula papyrifera* var. *commutata*"
334	2714	3	for "**and**" read "**of**"
390	3232	3	for "*For. J.*" read "*For. Prod. J.*"
417	4277	6	for "N. Carolina" read "N. California"
Author Index			
389			after Csesznák, E. for "4023" read "4021"
392			after Etverk, I. for "3933" read "3926"
395			after Gruela insert "Grulich, I. *see* Nosek, J."
395			after Grundwag insert "Gruševickij, I.V. see Bogdanova, V.M."
396			before Gudeski delete "Grulich, I. *see* Nosek, J. *and* Gruševickij, I.V. *see* Bogdanova, V.M."
915			after Ram, C. for "3877" read "3837"
922			for "Taylor, G.C.M." read "Taylor, G.G.M."
Species Index			
932			after Bambuseae for "4792" read "3792"
Diseases Index			
961			for "Nelfabraea" read "Neofabraea"
Subject Index			
1004			under **Weedkillers** for "Omnidel Special (dichlorprop)" read "Omnidel Special (dalapon)"
Volume 33			
169	1449	13	for ">1½in" read "<1½in"
503	4281	3	for "**24** (4)" read "**25** (1)"
640	5534	11	for "*Richetria*" read "*Richetia*"
802	6912	1	for "LAING" read "LAMING"
Author Index			
854			after "Grushnikov," insert "Grzywacz, A. 841"
879			after Smirnoff, W.A. for "6534-5" read "6534, 6655"
Species Index			
890	col. 1	1	for "Abies" read "Acacia"
891	col. 1	1	for "Acer" read "Agathis"
914			after Shorea for "subgen. Anthosherea" read "subgen. Anthoshorea" and for "subgen. Richetria" read "subgen. Richetia"
Subject Index			
945			under **Weedkillers** for "Omnidel Special (dichlorprop)" read "Omnidel Special (dalapon)"

Volume 34

Page	*Abstract*	*Line*	
7	78	1	for "MANLY" read "MANLEY"
46	521	8	for "80 and 100" read "80 and 110"
47	531	11	for "*Coryanthe*" read "*Corynanthe*"
49	558	6	for "b-ray" read "β-ray"
72	822	10	for "picloram" read "paraquat"
143	1588	11	for "optical" read "optimal"
150	1668	4	for "72-82" read "77-82"
167	1858	1	for "SASSAMON" read "SASSAMAN"
213	2352	3	for "*Agronmía*" read "*Agronomía*"
300	3315	3	for "*Vyslké*" read "*Vysoké*"
328	3603	3	for "*Information*" read "*Informations*"
347	3790	3	for "High Wycombe" read "London"
351	3838	10	for "*marcophylla*" read "*macrophylla*"
356	3894	12	before "the basis" insert "on"
428	4657	1	for "LI, C.R." read "LI, C.Y."
509	5544	5	for "Peat a number of articles" read "Peat Congress of the International"
527	5723	5	for "*Khozjaĭstvo*" read "*Khozyaĭstvo*"
563	6103	6	for "particle balsamifera" read "board made of *Populus balsamifera*"
573	6196	9	for "Japanese Mimotoki" read "Japanese clone Mimotoki"
599	6480	5/6	for "[Myelophilus, Tomicus]" read "[*Myelophilus, Tomicus*]"
600	6483	12	for "festations" read "infestations"
625	6745	17	for "than of the clone with the" read "than that of the clone with the slowest"
636	6871	8	for "Falcón, Lara, Pertuguesa" read "forest, savanna, scrub,"
664	7170	15	for "s 2.5×10^{-3}g," read "composition of terpenes"

NOTES ON INDEXES

For expediency under mechanized production, the five indexes formerly produced (Authors, Woody Species, Diseases and Invertebrate Pests, Subject, and Geographical) have been rearranged and are represented, from Volume 34 onward, by indexes to (1) Authors, (2) Species, and (3) Subject. The following notes will assist readers in their use.

(1) *Author Index.* In this, all authors are now listed individually without cross-references, e.g. a paper by Vance, C.P., and Garraway, M.O. appears simply as Vance, C.P. under V, and Garraway, M.O. under G. All separate name particles, e.g. 'de', 'von', 'le', are transposed to follow the author's initials, but names beginning with 'le' will be found under 'le' also.

(2) *Species Index.* This now comprises the scientific names (including those of families etc.) of woody species and of lower organisms, whether plant or animal, i.e. it combines the former Species Index and the Index of Diseases and Invertebrate Pests.

It is important to note that: (a) herbaceous plants are not indexed individually; and (b) vertebrates (chiefly birds and mammals) are not included in this index of scientific names, but will be found in the Subject Index under the English names of the groups to which they belong, e.g. Deer, Rabbits and hares, Mice, rats and voles, Squirrels.

As before, where there are many references to a tree species the entries are broken down under subheads.

An effort has been made to include cross-references between synonyms that occur frequently in the literature; it must be understood that the name selected for indexing will usually be that which is most commonly employed. In most cases the name selected will be the taxonomically valid one, but the exigencies of routine work make it impracticable for the Bureau to enquire closely into difficult problems of nomenclature for the great range of organisms indexed, and some synonyms may remain undetected.

(3) *Subject Index.* This now includes subject references proper and geographical references. The lay-out is unchanged, though considerable revision of both main heads and subheads has been undertaken. Again, many signposts have been included, in the form of cross-references to synonyms and references to related heads. The chief advice to be offered to the reader is that a subject reference is not normally made when the information is considered relevant to one species only: in such cases the reader should consult the Species Index, and in all cases where the species concerned is the prime consideration the Species Index should be consulted first. The geographical references, as hitherto, are restricted to those of a general nature, i.e. to cases in which the country or region referred to is the most important element in the information given.

Please also note that in these indexes, the first to be produced for *Forestry Abstracts* by computerized methods, some small anomalies may be found. These we hope, are minor blemishes that will not seriously impede retrieval : every effort is being made to rectify them, but in the mean time we ask our readers' indulgence for our teething troubles.